

IN THE CLAIMS:

1-39 (Canceled)

40. (Currently amended) The isolated haemopoietin receptor according to claim ~~39~~ 42, wherein Xaa is Asp or Glu.

41. (Canceled)

42. (Currently amended) An isolated haemopoietin receptor ~~according to claim 39~~ comprising an amino acid sequence encoded by a nucleic acid molecule which hybridizes under high stringency conditions to the nucleotide sequence set forth in any one of SEQ ID NO: 12, 14, 16, 18 and 28 wherein said high stringency conditions comprise from at least about 31% v/v to at least about 50% v/v formamide for hybridisation, and 0.1xSSC/0.1% (w/v) SDS at 65°C for 30 min for washing conditions , and wherein said receptor comprises the amino acid motif:

Trp Ser Xaa Trp Ser (SEQ ID NO: 1)
wherein Xaa is any amino acid.

43. (Previously presented) An isolated haemopoietin receptor comprising the amino acid sequence set forth in SEQ ID NO: 13.

44. (Previously presented) An isolated haemopoietin receptor comprising the amino acid sequence set forth in SEQ ID NO: 15.

45. (Previously presented) An isolated haemopoietin receptor comprising the amino acid sequence set forth in SEQ ID NO: 17.

46. (Previously presented) An isolated haemopoietin receptor comprising the amino acid sequence set forth in SEQ ID NO: 19.

47. (Previously presented) An isolated haemopoietin receptor comprising the amino acid sequence set forth in SEQ ID NO: 25.

48-56. (Canceled)

57. (New) An isolated haemopoietin receptor comprising an amino acid sequence encoded by a nucleic acid molecule which hybridises under high stringency conditions to the nucleotide sequence set forth in SEQ ID NO: 24, wherein said high stringency conditions comprise from at least about 31% v/v to at least about 50% v/v formamide for hybridisation, and 0.1xSSC/0.1% (w/v) SDS at 65°C for 30 min for washing, and wherein said receptor further comprises the amino acid motif:

Trp Ser Xaa Trp Ser (SEQ ID NO: 1)

wherein Xaa is any amino acid.